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### FACSIMILE COVER SHEET

TO:	Examiner Brook Kebede USPTO				
FROM:	Jennifer A. Reda, Esq.				
RE:	Serial No. 10/538,774 3500.017900				
FAX NO.:	571-273-1862				
DATE:	December 12, 2006	NO. OF PAGES: (including cover page)	6	•	
TIME:		SENT BY:	<u>-</u>		

#### **MESSAGE**

Examiner Kebede: As we discussed and further to my December 7 facsimile, attached is a copy of the translation of the Korean Official Letter cited in the November 6, 2006 IDS (which was inadvertently referred to as a Japanese Search Report in the IDS). I also will officially file this document with the PTO.

# IF YOU DO NOT RECEIVE ALL THE PAGES PLEASE CALL 212-218-2100 AS SOON AS POSSIBLE.

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03500.017900

### PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:			) :		
MINORU WATANABE ET AL.		)	Art Unit: 2823		
Application No.: 10/538,774			) Conf. No.: 5509		
Filed: June 10, 2005		;	Colff. 140 5509		
For:	SOLID STATE IMAGE PICKUP APPARATUS AND RADIATION IMAGE PICKUP APPARATUS	; ; )	December 13, 2006		
	nissioner for Patents				

### SUBMISSION OF ENGLISH TRANSLATION

Sir:

Alexandria, VA 22313-1450

Applicants hereby submit a copy of an English translation of the Korean Official Letter issued in a counterpart application. Please note that the Non-English Korean Official Letter and it's noted references were cited in the Information Disclosure Statement filed in this application on November 6, 2006.

It is believed that no fee is required for this submission. However, if a fee is deemed required, please charge any such fee to Deposit Account No. 503939.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

Jennifer A. Keda

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CFO 17900 US December 12, 2006

Issue Serial Number: 9-5-2006-057303336

Issue Date: September 29, 2006

Due Date for Response: November 29, 2006/12/12

Korean Patent Office Notification of Request for Filing Argument

Applicant: Canon kabushiki Kaisya

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Application Number: 10-2005-7015032

Title: Solid-State Image Pickup Apparatus

As a result of an Examination for the present application, following reason for rejection has been found. The present Official Letter has been issued under Article 63 of the Patent Law. If the applicant has an argument against the reason for rejection, please file an argument and an amendment responsive to the present Office Action by the above described due date.

(Reason for rejection)

1, the present invention as defined in claims 1-3 and 6-10 would be obvious to those skilled in the art in view of the following fact. Accordingly, the present invention has been rejected pursuant to Article 29, Paragraph 2 of the Patent Law.

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(NOTE)

The present invention as defined in claims 1-2 is directed to a photoelectric conversion apparatus comprising a photo detection device and a thin film transistor (source and drain electrodes and first and second gate electrodes) connected thereto. Reviewing an image sensor comprising a photo electric conversion unit and a double gate switching transistor disclosed in Korean Patent Application Publication Gazette 2001-88443 (2001, 9, 26, hereinafter, referred to as a reference 1), and an image sensor comprising a photo diode and a TFT thin film transistor disclosed in Japanese Patent Application Publication Gazette H14-124655 (2002, 4, 29, hereinafter, referred to as a reference 2), the present invention is similar to the references. Also, the technical purpose and advantage such as maintaining stable characteristics of TFT according to the present invention is anticipated by the references 1 and 2.

Claim 3 (being dependent on claim 1) defines a structure wherein a second gate electrode covers a part of source-drain electrode gap portion. However, this structure would be obvious in view of the structure of the double gate switching transistor (source, drain, upper and lower gate electrodes) of the reference 1.

Claims 6-8 (being dependent on claim 1) defines the photo detecting device (insulating layer, semiconductor layer and impurity doped layer) wherein the second gate electrode is formed as the photo detecting element (film). However, this is obvious in view of the structure of the upper gate in the reference 1, and the structure of the photodiode (formed of n-type, intrinsic and p-type semiconductor layers).

Claims 9-10 are directed to a radiation detection

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apparatus (wavelength conversion member is disposed therein) incorporating a subject matter defined in claims 1-3, and 6-8. However, those are obvious in view of the references 1 and 2 (including a phosphor) by those skilled in the art.

2, Claims 4-10 of the present application include defective description. Accordingly, the claims do not meet the requirement provided by Article 42, paragraph 5 of the Patent Law, and Article 5, Paragraph 6 of Rule, and would not be allowed.

(note)

Claim 4 (being dependent on claims 1-3) is dependent on another multi dependent claim 3 (being dependent on claims 1 and 2). Accordingly, claim 4 is defective. Also, in the same reason, claims 5-10 are defective.

2006. 09. 29

Korean Patent Office: Electric and Electron
Examination Main Office
Electric and Electron Examination Team Examiner